

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

032026-0554

SERIAL NO.

10/071,846

(MODIFIED)

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

David J. Beebe, et al.

FILING DATE

02/08/2002

GROUP ART UNIT

3736

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>JS</i>		5,904,824	5/18/99	Oh			

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JUL 02 2003

TECHNOLOGY CENTER

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JUL 07 2003
TC 1700

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	WO 98/22625	5/28/98	PCT			YES	NO
	EP 1 040 874 A2	2/9/00	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Beebe, et al., "Functional Hydrogel Structures for Autonomous Flow Control Inside Microfluidic Channels,"
Nature, Vol. 404, 6 April 2000, pp. 588-590.

EXAMINER

DATE CONSIDERED

4/1/2004

- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>		6,488,872	12/03/02	Beebe, et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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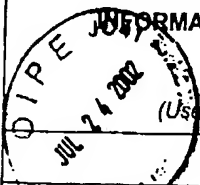
David J. Beebe, et al.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATI YES	N
	WO 01/07506	2/1/01	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<i>BJ</i>		6,193,647	2/27/01	Beebe, et al.				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>BJ</i>		WO 91/16966	11/14/91	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>BJ</i>		Hartmut, Gau, et al., "Liquid Morphologies on Structured Surfaces: From Microchannels to Microchips," Science, Vol. 283, January 1999, pp. 46-49.						
<i>BJ</i>		Anton A. Darhuber, et al., Journal of Applied Physics, Vol. 87, No. 11, June 2000, pp. 7768-7775.						
<i>BJ</i>		Michael G. Olson, et al., "Particle Imaging Technique for Measuring the Deformation Rate of Hydrogel Microstructures," Applied Physics Letters, Vol. 76, No. 22, 29 May 2000, pp. 3310-3312.						
<i>BJ</i>		David J. Beebe, et al., "Functional Hydrogel Structures for Autonomous Flow Control Inside Microfluidic Channels," Nature, Vol. 404, 6 April 2000, pp. 588-590.						
<i>BJ</i>		United States Patent Application filed July 21, 2000, by David J. Beebe and Jeffrey S. Moore, claiming priority from provisional application No. 60/145,554, filed July 23, 1999, entitled Microfabricated Devices and Method of Manufacturing the Same (copy not enclosed). <i>U.S. Pat. No. 6,488,872</i>						
EXAMINER <i>BJ</i>				DATE CONSIDERED <i>4/1/2007</i>				
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